

ENERGY AND ENVIRONMENT CABINET
Proposed Projects Involving the General Fund (cash or bonds)
(amounts in **bold** are the total budget)

2018-2020

(Projects listed by cabinet priority; descriptions are from the agency submission)

- 1 Maintenance Pool for Cabinet-Owned Facilities** **\$503,000**

The maintenance pool project is necessary to preserve existing cabinet real property in a usable, safe and functional condition. The cabinet has 11 sites with numerous cabinet-owned buildings and structures on them with a value of approximately \$1.8 million assessed on the facilities. (C-PI) Secretary's Office Priority #1
- 2 State-Owned Dam Repair Pool** **\$7,300,000**

This request addresses Willisburg Lake Dam which is in Washington County and Bullock Pen Lake Dam which is located in Boone and Grant counties. The cabinet is required in accordance with KRS 151.291 to assure dams owned by the Commonwealth comply with dam safety regulations. The Commonwealth owns 73 dams; the Division of Water is charged with ensuring these dams meet statutory requirements. Several of these dams require repair; funding is required to administer the necessary repairs to maintain compliance. In addition, some of these dams which have met the design requirements for the original use and hazard class have been subsequently reclassified as "high hazard" dams because of development downstream of the dam within the dam failure inundation zone. As a result, these dams must be upgraded to meet the design specifications of the new hazard classification, which commonly requires substantial capital investment. (C-O) Dept for Environmental Protection Priority #1
- 3 Wildland Fire Equipment Replacement Schedule** **\$5,320,000**

This proposal is to establish a 15-year replacement schedule of ten (10) dozer and transport units in the first year and nine (9) in the second year of the biennium. Dozers and transports must be replaced as units to ensure compatibility. Currently, Kentucky Division of Forestry (KDF) has 26 dozers purchased on or before 1995 and another 13 dozers purchased prior to 2005; 80% of KDF's total dozer fleet is beyond the industry standard of a 15-year replacement. Also, KDF is experiencing difficulty finding replacement parts for the aging dozer/transport units. (EQ) Dept for Natural Resources Priority #1
- 4 Online Permitting/Submittals Project (eForms)** **\$856,000**

This project will create electronic web forms to collect and receive permits, registrations, license applications and compliance information. This project is designed to make the permitting and compliance process business-friendly for industry and citizens within the state. It will also improve security, reduce cost associated with processing forms, reduce the burden of environmental compliance on public and private sector resources, and expand the cabinet's investment in electronic systems. The Department for Environmental Protection (DEP) began its investment in on-line permitting in 2007, making several high volume permits available to the public. Through its eForms web application, DEP continues to invest in electronic permitting by developing additional web forms on a routine basis as financial resources allow. EEC is seeking to expand eForms to other agencies within the cabinet. DEP will partner with the Department for Natural Resources (DNR) to create new eForms to assist the regulated community in the submittal of applications and other regulatory-required documents for mining facilities and conservation efforts. (IT) Secretary's Office Priority #2
- 5 2-Way Radio System Upgrade** **\$1,350,000**

The Kentucky Division of Forestry (KDF) utilizes a 2-way radio system as its primary source of communication and is an essential safety tool for the division's full-time and seasonal employees. Wildfire incidents require simultaneous communications with firefighters, dispatchers, and others. Two-way radio communication is the most efficient and accurate means to address the need, and without the ability to reach responders regardless of location, firefighter and public safety is put at risk. Although designed for an 8-10 year life expectancy, the existing system (which is comprised of fixed infrastructure and transportable subscriber units), was purchased and installed in 2001 through a capital plan project. The statewide system consists of 45 repeating towers, 417 mobile and base station units, 402 portable handheld units, and 25 remote stations. The original system utilized only analog technology. Although not required by FCC regulation, digital equipment technology has become the industry standard for first

responders. The KDF has been in discussions with Ky State Police and the Department of Transportation to determine working with either agency for a better radio system. That cost is yet to be determined. (EQ) Dept for Natural Resources Priority #2

6 Paper Shredding Truck \$250,000

The proposed project will purchase a mobile paper shredding truck to be used by the Kentucky Government Recycling Section, who has the primary responsibility for implementing a source separation and collection program for waste materials generated as a result of state agency operations, including aluminum, high grade office paper, and corrugated paper. An important aspect of this mission is the destruction of confidential or sensitive documents. A mobile shredding truck would assist in the confidential destruction of material on-site versus transporting it to a centralized location. A mobile shredding truck would also assist in generating additional revenue for the program by attracting more interest to shred confidential information, therefore generating more paper receipts from the destruction and sale of the material. (EQ) Dept for Environmental Protection Priority #2

2020-2022

(Projects listed in alphabetical order)

| | |
|---|-----------|
| On-Line Permitting & Submittal (eForms) | \$856,000 |
| Maintenance Pool for Cabinet-Owned Facilities | 400,000 |
| State-Owned Dam Repair | 2,000,000 |
| Wildland Fire Equipment Replacement Schedule | 5,320,000 |

2022-2024

(Projects listed in alphabetical order)

| | |
|---|-----------|
| On-Line Permitting & Submittal (eForms) | \$856,000 |
| Maintenance Pool for Cabinet-Owned Facilities | 400,000 |
| State-Owned Dam Repair | 4,000,000 |
| Wildland Fire Equipment Replacement Schedule | 5,320,000 |

ENERGY AND ENVIRONMENT CABINET

Other Proposed Project

Kentucky Heritage Land Conservation Fund Add'l \$10,000,000 RF/FF

The Kentucky Heritage Land Conservation Fund (KHLCF) was established to conserve Kentucky's finest natural and wildlife habitat areas. The 1994 General Assembly passed HB 368 which provided funds for this purpose through the collection of environmental fines, the state share of the unmined minerals tax, the sale of environmental license plates, donations, and interest. The Kentucky Heritage Land Conservation Fund Board awards grants for the acquisition and management of selected natural areas that meet specific criteria. This is an on-going group of projects with current projects continually being purchased and new projects being approved. (C-O) *Secretary's Office. The cabinet proposes KHLCF projects at the same funding level in each biennium of the planning period.*

Energy and Environment Cabinet
Proposed Projects – Involving the General Fund (Cash or Bonds)
Sorted by Agency

Listed below are projects for each agency (department) within the cabinet. The projects for the first biennium are listed by agency priority number. Projects for the second and third biennium are listed alphabetically.

Department for Environmental Protection

2018-2020

| | |
|--------------------------|-------------|
| 1 State-Owned Dam Repair | \$3,900,000 |
| 2 Paper Shredding Truck | 250,000 |

2020-2022

| | |
|------------------------|-----------|
| State-Owned Dam Repair | 4,400,000 |
|------------------------|-----------|

2022-2024

| | |
|------------------------|-----------|
| State-Owned Dam Repair | 4,000,000 |
|------------------------|-----------|

Dept for Natural Resources

2018-2020

| | |
|--|-------------|
| 1 Two-way Radio System Upgrade | \$1,350,000 |
| 2 Wildland Fire Equipment Replacement Schedule | 4,320,000 |

2020-2022

| | |
|--|-----------|
| Wildland Fire Equipment Replacement Schedule | 4,320,000 |
|--|-----------|

2022-2024

| | |
|--|-----------|
| Wildland Fire Equipment Replacement Schedule | 4,320,000 |
|--|-----------|

Secretary's Office

2018-2020

| | |
|---|-----------|
| 1 Maintenance Pool for Cabinet-Owned Facilities | \$503,000 |
| 2 On-Line Permitting & Submittal (eForms) | 856,000 |

2020-2022

| | |
|---|---------|
| On-Line Permitting & Submittal (eForms) | 856,000 |
| Maintenance Pool for Cabinet-Owned Facilities | 400,000 |

2022-2024

| | |
|---|---------|
| On-Line Permitting & Submittal (eForms) | 856,000 |
| Maintenance Pool for Cabinet-Owned Facilities | 400,000 |